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Data Sheet · Display · Issue May 2003

P17-1
17 inch Premium Line
LCD TFT Display

premium

The P17-1 combines fantastic design with perfect ergonomics and improved usability. Discover the powerful functionality of the new Premium Line Displays. LCD TFT technology stands for top-quality picture, ergonomics and ideal environment compatibility. The highly flexible Premium stand guaranties optimised individual solutions for any workplace environment. With its high resolution, fine pixel pitch and its integrated speakers, the P17-1 is the ideal choice for graphics and multimedia applications. Don't be satisfied with less.

- 17 inch LCD TFT display (comparable with 19 inch CRT)
- Recommended resolution 1280 x 1024 pixels
- 16.7 million colors
- Integrated audio
- Integrated power supply
- Tilt-and-swivel base with height-adjust and 90° rotation (portrait function)
- Pivot®Pro software included
- Ease-of-use OSD menu
- DVI-D and analog interface
- Extremely wide viewing angle typ. 170° horizontal and vertical
- High contrast – 500 : 1
- Optimum ergonomics ISO 13406-2 flicker-free and distortion-free
- Excellent focus
- Low power consumption
- Multi-level power management EPA, VESA DPMS
- Plug & Play VESA DDC 2B device
- Low-radiation and environmental friendly according to TCO'03
- Immune to external electromagnetic fields
- Auto-adjust
- Mechanical interface standardised according to VESA FPMPMI
- sRGB

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Visible screen diagonal	17 inch (43 cm)
Graphics display (dependent on graphics processor)	
Pixels	1280 x 1024
Pixels *)	1024 x 768
Pixels *)	800 x 600
Pixels *)	640 x 480
*) expanded	
Text display (dependent on graphics processor)	
Pixels (max. 70 Hz)	720 x 400
Picture size	338 x 270 mm
Pixel Pitch	0.264 mm
Frequencies	
Horizontal	30 - 83 Hz
Vertical	55 - 75 Hz
Brightness typical	250 cd/m^2
Contrast typical	500 : 1
Viewing angle typical	
Horizontal	170°
Vertical	170°
Response time typical	25 ms
Plug & Play	VESA DDC 2B
Ease-of-use menu	
Direct key access	auto adjust, mute, brightness menu
Brightness / contrast	brightness, contrast, black level, auto level
Image adjust	H, V position, clock, phase
Audio	volume, mute
Color	sRGB, 6500 K, 7500 K, 9300 K, native, customer settings
OSD setup	language, position, timeout, rotation
Advanced	input select, resolution notifier, factory recall
Information	
Tilt-and–swivel base	
Tilt angle	-5° / +15°
Swivel angle	+ / -45°
Height-adjust range	70 mm
Audio characteristics	
Volume control	digital
Audio signal input (from PC)	3.5 mm stereo phone jack
Sound output	1,5 W (L) + 1,5 W (R)

Electrical values	
Rated voltage	100 - 240 V
Frequency	50 - 60 Hz
Power draw typical	
Operation (w/o sound)	36 W
Standby mode	1 W
Suspend mode	1 W
Off mode	< 1 W
Protection class	1
Temperatures / dimensions / weight	
Ambient temperature (to IEC721)	
Recommended range	15°C to 32°C
Limit	0°C to 35°C
Dimensions (landscape, lowest position)	
(H x W x D)	439.5 x 397.3 x 240 mm
Weight unpacked / packed	6.5 kg / 8.5 kg
Reliability typical	
MTBF (demonstrated)	70,000 h
Lifetime of LCD	50,000 h
(brightness > 50% of original brightness)	
Compliance with standards	
Product safety	EN60950
Ergonomics	GS mark ISO13406-2 (Pixel fault class II)
Radiation immunity and RFI suppression	CE certification according to EC Directive 89/336/EEC (EN55022/B, EN55024 EN61000-3-2/-3); TCO'03
Video input	1 x D-SUB analog 1 x DVI-D digital
Data cable (1.8 m) detachable on display	D-SUB (15-pin) analog DVI-D (24-pin) digital audio cable (1.8 m)
Power cable (1.8 m)	for connection to PC outlet
Integrated power supply	
Plug type on display side	IEC-320-C13
Special features	Kensington Lock prepared, standardized mounting interface according VESA FPMPMI (100 mm), stand with 90° - rotation Pivot®Pro software included
Order code	S26361-K903-V150

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